

17712 U.S. PTO
042104

MERL-1563

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"EXPRESS MAIL" mailing label number: EV 102066648 US

Date of Deposit: 4/21/04

I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dilu Cecilia Zhang
Printed name of depositor

[Signature]
Signature of depositor

* * *

TRANSMITTAL LETTER

The Commissioner of Patents
PO Box 1450
Alexandria, VA 22313-1450

ATTN: Mail Stop Patent Applications

Sir:

Transmitted herewith for filing is the patent application of: Neelesh B. Mehta, Pallav Sudarshan, Andreas F. Molisch, and Jinyun Zhang.

FOR: SPACE TIME TRANSMIT DIVERSITY WITH SUBGROUP RATE CONTROL AND SUBGROUP ANTENNA SELECTION IN MULTI-INPUT MULTI-OUTPUT COMMUNICATIONS SYSTEMS

Enclosed are:

- [14] pages of specification, claims and abstract
- [4] sheet of formal drawings
- [X] Declaration and Power of Attorney
- [X] Assignment of the application
- [X] Information Disclosure Statement

17548 U.S. PTO
10/828626
042104

The filing fee is calculated as follows:

CLAIMS AS FILED					
NUMBER FILED	NUMBER EXTRA		LARGE ENTITY	AMOUNT	
Basic Fee				\$ 770.00	
Total Claims	8	-20 =	1 x 18.00	\$ 0.00	
Independent					
Claims	2	-3 =	\$80.00	\$.00	
Assignment					
Recording Fee			40.00	\$ 40.00	
Multiple Dependent Claim					
Fee			270.00		
<u>Other</u>					
TOTAL FEE				\$ 810.00	

- [X] Please record the accompanying Assignment.
- [X] Please charge Deposit Account No. 50-0749 in the amount of \$ 810.00 for filing fees.
- [] Check in the amount of _____ for Filing Fee.
- [X] The Assistant Commissioner for Patents is hereby authorized to charge any additional fees due or credit any overpayment to Deposit Account No. 50-0749.

All future correspondence should be addressed to:

Patent Department
Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: _____

Andrew J. Curtin
Reg. No.: 48,485
Attorney for Assignee

Mitsubishi Electric Research Laboratories, Inc.
201 Broadway
Cambridge, Massachusetts 02139
(617) 621-7573
Customer No. 022199